Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-03-28-03** **Date: 02/04/2018**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC drain in 22nd, 23rd and other cross roads at Ravindra Nagara in Ward No.13 in Ward No.13 in Shettyhalli Sub Division.

Agency : Sri.Kumar B.J #01, Shree Nilaya, Behind Ranga Mandira, Nagasandra Post, Bengalore-560073

Customer's Reference : EE/DD/WO/314/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-03-18

Sample ID No : 2018-03-28-03 /01

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	26/03/2018	02/04/2018	149.82 X 150.66 X 150.48	22572	8.245	372.4	16.5	17.2
2	M20 Concrete	M20	26/03/2018	02/04/2018	150.56 X 150.13 X 149.88	22604	8.147	388.8	17.2	
3	M20 Concrete	M20	26/03/2018	02/04/2018	150.24 X 149.85 X 150.66	22513	8.201	400.7	17.8	

Note:

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-03-28-03

Date: 23/04/2018

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC drain in 22nd, 23rd and other cross roads at Ravindra Nagara in Ward No.13 in Ward No.13 in Shettyhalli Sub Division.

Agency : Sri.Kumar B.J #01, Shree Nilaya, Behind Ranga Mandira, Nagasandra Post, Bengalore-560073

Customer's Reference : EE/DD/WO/314/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-03-18

Sample ID No : 2018-03-28-03 /02

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	26/03/2018	23/04/2018	149.63 X 150.22 X 150.47	22477	8.147	519.2	23.1	22.8
2	M20 Concrete	M20	26/03/2018	23/04/2018	150.66 X 149.28 X 150.46	22491	8.165	512.8	22.8	
3	M20 Concrete	M20	26/03/2018	23/04/2018	149.38 X 150.23 X 151.22	22441	8.146	504.9	22.5	

Note:

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-03-28-03 **Date: 02/04/2018**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC drain in 22nd, 23rd and other cross roads at Ravindra Nagara in Ward No.13 in Ward No.13 in Shettyhalli Sub Division.

Agency : Sri.Kumar B.J #01, Shree Nilaya, Behind Ranga Mandira, Nagasandra Post, Bengalore-560073

Customer's Reference : EE/DD/WO/314/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-03-18

Sample ID No : 2018-03-28-03 /01

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	26/03/2018	02/04/2018	149.33 X 151.25 X 150.66	22586	8.142	390.7	17.3	17.8
2	M20 Concrete	M20	26/03/2018	02/04/2018	150.47 X 151.03 X 150.47	22725	8.151	413.6	18.2	
3	M20 Concrete	M20	26/03/2018	02/04/2018	150.76 X 150.34 X 150.29	22665	8.241	403.4	17.8	

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Certificate No : TC-4548

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/04/2018

Lab ID	:	CP-2018-03-28-03
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC drain in 22nd, 23rd and other cross roads at Ravindra Nagara in Ward No.13 in Ward No.13 in Shettyhalli Sub Division.
Agency	:	Sri.Kumar B.J #01, Shree Nilaya, Behind Ranga Mandira, Nagasandra Post, Bengalore-560073
Customer's Reference	:	EE/DD/WO/314/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-03-18
Sample ID No	:	2018-03-28-03 /02
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	26/03/2018	23/04/2018	149.63 X 151.22 X 150.03	22627	8.201	522.7	23.1	23.0
2	M20 Concrete	M20	26/03/2018	23/04/2018	150.63 X 150.49 X 150.16	22668	8.168	514.6	22.7	
3	M20 Concrete	M20	26/03/2018	23/04/2018	150.34 X 150.11 X 150.49	22568	8.174	525.8	23.3	

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ಪೌರಕಾರ್ಮಿಕರ ಮುಖಾಂತರ ಬಾಲಕಿ
ಪಿ.ಎಸ್.ಎಂ. ರನ್ನ, ರಾಜೇಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 02/04/2018

Lab ID	:	CP-2018-03-28-03
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC drain in 22nd, 23rd and other cross roads at Ravindra Nagara in Ward No.13 in Ward No.13 in Shettyhalli Sub Division.
Agency	:	Sri.Kumar B.J #01, Shree Nilaya, Behind Ranga Mandira, Nagasandra Post, Bengalore-560073
Customer's Reference	:	EE/DD/WO/314/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-03-18
Sample ID No	:	2018-03-28-03 /01
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	02/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	26/03/2018	02/04/2018	149.37 X 150.66 X 151.49	22504	8.201	389.3	17.3	17.3
2	M20 Concrete	M20	26/03/2018	02/04/2018	150.26 X 150.34 X 150.33	22590	8.035	386.3	17.1	
3	M20 Concrete	M20	26/03/2018	02/04/2018	150.02 X 150.02 X 150.54	22506	8.195	396.1	17.6	

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/04/2018

Lab ID	:	**CP-2018-03-28-03**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
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Agency	:	Sri.Kumar B.J #01, Shree Nilaya, Behind Ranga Mandira, Nagasandra Post, Bengalore-560073
Customer's Reference	:	EE/DD/WO/314/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-03-18
Sample ID No	:	2018-03-28-03 /02
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	26/03/2018	23/04/2018	151.02 X 150.39 X 150.77	22712	8.201	513.3	22.6	22.7
2	M20 Concrete	M20	26/03/2018	23/04/2018	150.98 X 150.34 X 150.54	22698	8.030	515.3	22.7	
3	M20 Concrete	M20	26/03/2018	23/04/2018	149.63 X 150.57 X 150.08	22530	8.142	513.7	22.8	

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